

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query                              | DBs                                       | Default Operator | Plurals | Time Stamp          |
|-------|-------|-------------------------------------------|-------------------------------------------|------------------|---------|---------------------|
| S1    | 1     | ("5919622").PN.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/08/29<br>16:59 |
| S2    | 1     | ("5589136").PN.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/08/24<br>18:06 |
| S3    | 1     | ("20020127152").PN.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/08/28<br>12:16 |
| S4    | 948   | PCR and insulation                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/08/29<br>16:59 |
| S5    | 948   | (PCR and insulation)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/08/29<br>16:59 |
| S6    | 8     | (S5 and (two near temperature) same zone) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/08/29<br>17:01 |
| S7    | 0     | ("191830A1").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/08/31<br>09:56 |
| S8    | 0     | (2004/0191830A1).CCLS.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/08/31<br>09:56 |
| S9    | 0     | ("Hwang").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2006/08/31<br>09:56 |
| S10   | 26527 | hwang                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2006/08/31<br>09:57 |

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| S11 | 13     | Kyunghoon "Jeong.ti"                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2006/08/31<br>09:57 |
| S12 | 121044 | (PCR or amplification) and<br>apparatus                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:12 |
| S13 | 13012  | S12 and (insulation or<br>insulating)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:12 |
| S14 | 10624  | S13 and (gas adj8<br>insulation or insulating)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:13 |
| S15 | 2600   | S14 and (air adj8 insulator<br>or insulation)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:16 |
| S16 | 1      | S15 and (pressurized adj<br>reaction same (vessel or<br>chamber)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:15 |
| S17 | 0      | S14 not apparatus                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:16 |
| S18 | 322183 | PCR or amplification                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:17 |
| S19 | 0      | S18 and insulation adj<br>means                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:17 |
| S20 | 26266  | S18 and (insulation or<br>insulating)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:17 |
| S21 | 901887 | S20 and air adj8 insulator<br>or insulating                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:20 |
| S22 | 9430   | S20 and air                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:20 |

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| S23 | 225  | S22 and air adj8 insulating               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:21 |
| S24 | 0    | S23 and pcr adj tube                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:22 |
| S25 | 0    | S24 and tapered                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:22 |
| S26 | 41   | S23 and tapered                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:22 |
| S27 | 30   | S26 and multi                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:23 |
| S28 | 0    | S27 and microfuge adj tube                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:23 |
| S29 | 0    | S27 and convention                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:24 |
| S30 | 26   | S27 and convection                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/24<br>18:24 |
| S31 | 5703 | PCR and pressurized                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:35 |
| S32 | 5014 | S31 and temperature                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:36 |
| S33 | 129  | S32 and (Apparatus or<br>device) adj5 PCR | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:37 |
| S34 | 0    | S33 and pressurized adj1<br>reaction      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:37 |

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| S35 | 0      | S34 and reaction                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:37 |
| S36 | 126    | S33 and reaction                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:38 |
| S37 | 119    | S36 and amplification                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:38 |
| S38 | 33     | S37 and convection                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:38 |
| S39 | 25     | S38 and tapered                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:18 |
| S40 | 1      | S39 and tapered adj8 top<br>same bottom | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>10:39 |
| S41 | 119322 | PCR                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:18 |
| S42 | 0      | PCRL1 and perkins adj1<br>elmer         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:19 |
| S43 | 31129  | S41 and perkins                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:19 |
| S44 | 26951  | S43 and amplification                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:20 |
| S45 | 4004   | S44 and thermocycler                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:20 |
| S46 | 672    | S45 and multiplex                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2007/05/25<br>12:20 |

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| S47 | 364  | S45 and PCR adj tube                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2007/05/25<br>12:21 |
| S48 | 179  | S47 and eppendorf                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2007/05/25<br>12:21 |
| S49 | 0    | S48 and eppendorf adj tube             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2007/05/25<br>12:21 |
| S50 | 90   | S48 and eppendorf adj tube             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2007/05/25<br>12:21 |
| S51 | 8    | S50 and multiple adj sample            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2007/05/25<br>12:22 |
| S52 | 1    | ("5761377").PN.                        | USPAT;<br>USOCR                           | OR | OFF | 2008/03/19<br>14:13 |
| S53 | 1    | S52 and heating                        | USPAT                                     | OR | OFF | 2008/03/19<br>14:14 |
| S54 | 1    | S53 and two adj1 heating same elements | USPAT                                     | OR | OFF | 2008/03/19<br>14:15 |
| S55 | 1    | ("6472186").PN.                        | USPAT;<br>USOCR                           | OR | OFF | 2008/03/20<br>10:40 |
| S56 | 1    | ("6586233").PN.                        | USPAT;<br>USOCR                           | OR | OFF | 2008/11/03<br>12:53 |
| S57 | 3123 | convection adj1 heating                | US-PGPUB;<br>USPAT                        | OR | OFF | 2008/12/23<br>15:07 |
| S58 | 10   | S57 and PCR                            | US-PGPUB;<br>USPAT                        | OR | OFF | 2008/12/23<br>15:07 |

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